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AUTHOR Hines, Edward R.
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ABSTRACT

This report presents an overview and a preliminary analysis of the legislative decisions made during 1987 for the 1988 fiscal year (FY) on state tax appropriations for higher education in the 50 states. The data are aggregated from GRAPEVINE, a monthly research report of state tax appropriations for operating expenses of higher education. Following an introduction, a retrospective on higher education appropriations for FY 1988 discusses nationwide gains, 2-year gains among the states and "billion-dollar states," i.e., states appropriating more than a billion dollars for higher education annually (currently, 10 such states exist). Other sections discuss the data by region and analyze trends in state higher education support. At the end of the discussion portion of the report, a section called "What the Figures Are Intended To Mean" provides a framework for the collection and presentation of data. The bulk of the publication consists of tables of data for each state. In the main, each table details appropriations to individual higher education institutions including funds for scholarhips and sums destined for higher education but appropriated to some other state agency for miscellaneous types of support to institutions or to students. For each table there is not only a column for 1988 but also a column of data for the previous fiscal year which incorporates all revisions provided to GRAPEVINE by the state. (JB)

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Appropriations

State Tax Funds for Operating Expenses of Higher Education

1987 - 1988

Edward R. Hines

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HE 025 398

APPROPRIATIONS OF STATE TAX FUNDS FOR OPERATING EXPENSES OF HIGHER EDUCATION

1987-88

Edward R. Hines
Center for Higher Education
Department of Educational Administration and Foundations
Illinois State University
Normal, IL 61761
(309) 438-7655

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INTRODUCTION

This report presents an overview and a preliminary analysis of the legislative decisions on state tax appropriations for higher education in the 50 states. These decisions were made during 1987 for the 1988 fiscal year. It is important to note that this analysis is preliminary because it occurs as soon as possible after the state legislatures have made their decisions about higher education and as soon as data from all 50 states can be compiled and published. These data are aggregated from GRAPEVINE, the monthly research report of state tax appropriations for operating expenses of higher education, published by the Center for Higher Education at Illinois State University.

While these data are the earliest 50-state figures available, there are other reports and analyses which are available later in the year (usually late winter and spring). These valuable information sources should be utilized in analyses of state effort for higher education, tax effort including both state and local taxes, and revenue available for higher education including taxes, tuition, and other sources. The reader is advised to obtain the "National Comparison of Financial Support for Higher Education" prepared by Jackie Johnson at the Higher Education Coordinating Board in Washington; "How the States Compare in Financing Higher Education" by Kent Halstead of Research Associates in Washington, D.C.; and State Higher Education Profiles from the Center for Education Statistics, U.S. Office of Education.

Just as multiple analyses of data are useful in a full examination of an area as complex as state support of higher education, so one must recognize that state taxes are only one source of revenue for higher education. State taxes continue to be the major funding source for public higher education; but, as the availability of these funds diminishes, states and campuses are diversifying and enhancing non-tax revenues which are available for higher education. These revenues might include appropriated funds from sources other than taxes and sources such as auxiliary sales and services. In some states, tuition is not "re-appropriated." Student tuition is a revenue source of critical importance, and tuition increases are being examined closely along with consideration of tax and other revenue sources.

This is the 29th consecutive annual report, begun by M. M. Chambers in Michigan, and now continued by the Center for Higher Education at Illinois State University with Edward Hines as Editor and Gwen Pruyne as Managing Editor. In this report, a column of data for the previous fiscal year is included (for the second straight year) which incorporates all revisions provided to GRAPEVINE by the states, as well as the "new" data for FY1988. Data revisions are occurring increasingly and may involve recisions made by either a legislature or a governor, depending upon statutory authority, supplemental legislative decisions, or other action affecting higher education appropriations. The reader is referred also to "What the Figures Are Intended to Mean"; this outline is found at the end of this report and provides a framework for the collection and presentation of data.

A RETROSPECTIVE OF HIGHER EDUCATION APPROPRIATIONS FOR FY1988

There were three prominent features in state tax support for higher education in the 50 states for FY1988. First, over $34 billion were appropriated by state governments for operating expenses of higher education nationally, and this was an increase of over $1.6 billion from FY1987. Second, the two-year percentage of gain figure again showed an increase but only 11%. This 11% national two-year gain and also the five percent single-year gain equaled the percentage of gain reported in FY1984. The third feature was the similarity in the level and pattern of support at the state level between FY1987 and FY1988, except for fairly consistent decreases in percentages of gain in a majority of states.

Nationwide Gains. Table 1 shows the consistent gains in the magnitude of dollars appropriated for higher education during the past decade. Comparing FY1988 with FY1979, the total dollar amount has doubled. The one-year gains in dollars show that the most recent gain of $1.6 billion was greater than that for FY1978 and FY1983, and equal to that of FY1984. The 20% or greater two-year gains of the 1970s gave way to gains in the mid-teens during the 1980s. It must be recognized that even this currently low rate of gain is greater than the rate of inflation throughout the 1980s. Higher education outpaced inflation by more than a two-to-one ratio every year during the 1980s.

Table 1

Fiscal Years	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Billions of dollars	15.3	17.0	19.1	20.9	23.0	24.2	25.8	28.4	30.7	32.4	34.0
1-yr Gain ($ billions)	1.4	1.7	2.1	1.8	2.1	1.2	1.6	2.6	2.3	1.7	1.6
1-yr Gain (Percent)	10	10	12	10	10	6	5	10	10	6	5
2-yr Gain (Percent)	20	22	24	23	20	16	11	16	19	14	11

Two-Year Gains among the States. Table 2 indicates that only 17 states reported two-year gains for FY1988 which were greater than the two-year gains for FY1987; 28 states experienced smaller two-year gains than for FY1987, with five states reporting the same two-year gains. The strongest pattern of gains occurred in the Northeastern quadrant of the United States with especially strong gains in the six New England states. Texas was the only state of the six states in the South Central region to experience any increase, and a cluster of Northern Plains states experienced declines or very small two-year gains (Montana, North Dakota, and Wyoming). There were five states having negative two-year gains in FY1987, and this number grew to eight states in FY1988. Of the five states showing negative gains in FY1987, Texas made a positive gain in FY1988, Mississippi and Montana were less negative in FY1988 than in FY1987, and Alaska and Louisiana were more negative in FY1988 than in FY1987. In addition, four more states joined the negative category this year, including North Dakota, Oklahoma, Arkansas, and Alabama. On the other hand, five of the six New England states had greater gains in 1988 than in 1987 (Maine, New Hampshire, Vermont, Rhode Island, Connecticut) with Massachusetts about even with the gain of last year. Maine and New Hampshire were the national leaders in 1988 with two-year gains of 39% and 33%, respectively.

Billion-Dollar States. There are 10 states with large higher education systems, each appropriating more than a billion dollars for higher education annually. Two features were especially evident among these 10 states this year. Seven of the 10 were at the median or above nationally in two-year gains with Florida, New Jersey and North Carolina leading, followed by New York, Michigan, Ohio, and California. Pennsylvania's 12% gain was just above the 11% national average. Illinois and Texas fell behind with one percent two-year gains, although Texas made a significant turnaround after an extended period of difficulty with the passage of a tax increase and additional funds for higher education during the last legislative session.

Table 2

Seventeen States with Increasing 2-Year Gains, FY87 to FY88			Twenty-eight States with Decreasing 2-Year Gains, FY87 to FY88		
State	FY1987	FY1988	State	FY1987	FY1988
Connecticut	22	24	Alabama	11	-10
Hawaii	18	22	Alaska	-11	-33
Idaho	12	17	Arizona	27	14
Iowa	3	15	Arkansas	10	-7
Kansas	4	5	California	18	13
Kentucky	13	15	Delaware	14	11
Maine	37	39	Florida	24	21
Mississippi	-5	-3	Georgia	17	14
Montana	-4	-1	Illinois	18	1
Nebraska	2	8	Indiana	20	16
New Hampshire	31	33	Louisiana	-3	-5
New Jersey	19	20	Maryland	17	16
New Mexico	2	4	Massachusetts	27	26
Rhode Island	12	14	Michigan	22	14
Texas	-9	1	Missouri	11	12
Vermont	12	15	Nevada	25	19
Washington	9	14	North Carolina	22	19
			North Dakota	11	-2
Five States with Identical Rates of Gain, FY87 and FY88			Ohio	25	14
			Oklahoma	5	-9
			Oregon	19	12
State			South Carolina	15	5
			South Dakota	19	6
Colorado	10	10	Tennessee	23	17
Minnesota	15	15	Utah	9	5
New York	15	15	Virginia	26	19
Pennsylvania	12	12	West Virginia	10	2
Wisconsin	8	8	Wyoming	7	2

A REGIONAL VIEW OF FISCAL YEAR 1988

The 50 states are arranged in quartiles and quadrants, as shown in Table 3. Quartiles enable one to focus on four groupings according to rates of two-year gains. The top quartile includes 12 states ranging from a 39% two-year gain in Maine to a nearly 17% gain in both Idaho and Tennessee. The second quartile includes 13 states with Indiana and Maryland at nearly 16%, five states at about 15% (Kentucky, New York, Minnesota, Vermont, Iowa), and six states clustered at 13% (Michigan, Georgia, Rhode Island, Arizona, Washington, Ohio). Another 13 states are in the third quartile, and 12 states are in the lowest quartile.

Quadrants are formed by dividing the nation into four fairly even sections with the northeast corner of Missouri as the center, the Mississippi River dividing East from West, and the Ohio River and southern border of Pennsylvania dividing Northeast from Southeast. The Northeastern states were in a leading position this year having four New England states plus New Jersey in the top quartile and 11 of the 14 Northeastern states in the top half of the nation. There were four Southeastern states in the top quartile (Virginia, Tennessee, North Carolina, Florida), and seven of the 12 Southeastern states were in the top half. Three of the 13 Southwestern states were in the top half with Hawaii and Nevada in the top quartile. Idaho was the only state in the Northwest to be in the top quartile with Minnesota, Iowa, and Washington joining in the top half. The "mirror image" of states in the lowest categories was equally revealing. Illinois was the only Northeastern state in the bottom quartile with Wisconsin and Pennsylvania joining in the bottom half. Five Southeastern states were in the bottom half (West Virginia, Alabama, Mississippi, Delaware, and South Carolina). Ten of 13 Southwestern states were in the bottom half, and seven of the 11 Northwestern states were in the bottom half of the nation.

Table 3

Quadrants	NW	NE	SE	SW	Total
Top	1	5	4	2*	12
Second	3	6	3	1	13
Third	3	2	2	6	13
Lowest	4**	1	3	4	12
Total	11	14	12	13	50

*Includes Hawaii
**Includes Alaska

PRELIMINARY ANALYSIS OF TRENDS IN STATE HIGHER EDUCATION SUPPORT

GRAPEVINE offers an early indication of the amount of state support of higher education, as reflected in state tax appropriations only. By displaying these data for the 50 states, one can begin to examine trends in state support of higher education. It is important to keep the limitations of these data in mind. All analysts and researchers are advised to examine this report after data revisions are received and to obtain the other national studies of state higher education finance identified earlier in this report. As an initial building block, the Editors of GRAPEVINE and the GRAPEVINE Advisory Committee believe that a preliminary examination of these data is an important first step to a more thorough understanding of state support of higher education.

Regional Variations. The overall national pattern this year exhibited a situation quite similar to that of last year. As measured by two-year gains, there was some decline in state support of higher education in a majority of states. There was a sharper regional pattern than previously observed in recent years with a continued resurgence in state support of higher education in New England and New Jersey accompanied by continued difficulties in the South Central and Northern Plains regions, perhaps constituting what could be termed "a mid-continental economic through." In the long run, the economic situation in these mid-continental states may present a difficult and fundamental challenge for change and improvement.

Examination of the maps accompanying these reports for the past 15 years shows some trends of interest. The Northeastern states experienced an economic turndown in the early or mid-1970s which was related largely to the decay or collapse of traditional smokestack industries and labor issues precipitating industrial relocations to the South and West. In the South, this phenomenon resulted in the rise of the Sunbelt. However, as shown in the pattern of two-year gains, the New England and Northeastern states had a slowdown, but with some exceptions seldom were in the bottom quartile of states. There were continued difficulties (still occurring) in selected states in the Central Plains, Northern Plains, and Northwest as the industrialized upper Midwest experienced problems in the heavy industrial sector. In the early 1980s, there were beginnings of resurgence in New England, especially in Vermont, Massachusetts, and New Hampshire, followed by Connecticut, Maine and Rhode Island. At the same time, the Southeastern states experienced some falloff in higher education support except for the continued strength shown in North Carolina, Virginia, Tennessee, and Florida. In the mid-1980s, the South Central region experienced severe economic problems. Most recently, one can observe a generally bimodal distribution with stronger support of higher education on the East and West Coasts and continued problems in the South Central and Northern Plains regions. Reasons for these difficulties relate to less diverse economies often dependent on a narrow band of industries such as wood and paper in the Northwest, agriculture in the Plains states, and oil and minerals in the South Central states.

Available State Revenues. A key part of the extent to which states are able to support higher education is available revenue. States cannot, or generally do not, engage in deficit financing, and constantly wrestle with the balance between revenues and expenditures. Education, especially if elementary and secondary schools are included, is a large, if not the major, portion of states' budgets; therefore, problems with expenditures and cost containment cannot avoid the area of education. Table 4 borrows from a very useful report by the Fiscal Affairs Program of the National Conference of State Legislatures, showing (at the time of the July 1987 survey of legislative fiscal officers) the projected growth rates of states' general fund revenues as well as the projected growth of state appropriations from FY1987 to FY1988. It is the perceived "health" of states' revenues which will be an important determinant of whether or not states can raise taxes, and state taxes are the major source of public higher education appropriations. Also in Table 4, the amount of two-year gains shown by the top and bottom quartile states for FY1988, as reported in GRAPEVINE, are included.

It is clear from Table 4 that the states with the greatest two-year gains for higher education (with a mean increase of 23.0%) made a stronger performance than did those states in the bottom quartile with a mean increase of -5.3% over two years. The top quartile states had a projected general fund increase of 7.2% while the bottom quartile states had a projected general fund increase of 5.1%. The top quartile states, in the projected state appropriation category, showed a 7.7% increase while the bottom quartile states had only a 0.8% projected increase in state appropriations, a more marked difference than in projected general fund increases.

The mean percentage gains from last year (FY1987) were included in Table 4 in order to enable comparison with FY1988. Interestingly, one could observe that in FY1987, states appeared to have relatively less in projected general fund increases, compared to this year. However, higher education made a stronger gain last year than occurred this year. Recall that the top two states this year (Maine and New Hampshire) made slightly larger percentages of gain than last year. What this means is that a larger number of states in the top quartile did not do quite as well this year in making effort for higher education resulting in a moderate decline in the mean percentage increase for the top quartile states--from 26.1% last year to 23.0% this year. Similarly, within the bottom quartile category, this grouping showed a -0.4% loss last year and a larger (-5.3%) loss this year. More states (eight) were in the negative category than last year (five).

Table 4

12 Top Quartile States					12 Bottom Quartile States		
	General Fund Increase* (1-yr) %	State Approp Increase* (1-yr) %	Higher Education Increase** (2-yr) %		General Fund Increase* (1-yr) %	State Approp Increase* (1-yr) %	Higher Education Increase** (2-yr) %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Maine	7.6	11.0	39.3	Wyoming	-5.8	0.0	2.3
New Hampshire	3.1	10.8	33.1	West Virginia	-6.9	-9.4	1.5
Massachusetts	***	***	25.9	Illinois	3.1	2.9	1.3
Connecticut	4.6	12.6	24.1	Texas	16.2	6.8	1.2
Hawaii	3.1	8.6	22.1	Montana	5.7	-7.1	-1.0
Florida	14.3	10.5	20.9	North Dakota	16.6	-4.6	-1.9
New Jersey	8.1	11.4	19.7	Mississippi	1.7	7.5	-3.1
Nevada	7.9	0.9	19.4	Louisiana	9.8	1.3	-4.7
North Carolina	9.3	3.8	19.0	Arkansas	7.5	7.9	-6.7
Virginia	8.3	6.7	18.8	Oklahoma	9.0	0.2	-9.3
Idaho	7.6	7.9	16.9	Alabama	5.4	4.0	-9.6
Tennessee	5.8	0.4	16.6	Alaska	-1.4	0.5	-33.5
Mean in FY88	7.2	7.7	23.0	Mean in FY88	5.1	0.8	-5.3
Mean in FY87	5.6		26.1	Mean in FY87	-2.1		-0.4

*Reported as Projected Growth Rates of General Fund Revenues and Appropriations, FY1987 to FY1988 (Percent), Table 4, in State Budget Actions in 1987 by Steven D. Gold, Corina L. Eckl, and Brenda M. Erickson, (Denver, CO: National Conference of State Legislatures) August 1987, p. 11.

**Two-year gains (in percent) of state tax appropriations for the operating expenses of higher education, as reported in GRAPEVINE. Identification of top and bottom quartile states also based on data reported in GRAPEVINE.

***Not reported

Additional Considerations. After review of the regional variations and patterns, we are left with the question of explaining the reason for the pattern this year, and particularly the decline in two-year gain to 11%, representing along with the 11% two-year gain reported in 1984 the lowest such figure reported in 30 years. Doomsday prophecies and disaster scenarios are rejected. There was, after all, a gain in state support of higher education of $1.6 billion nationally from 1987 to 1988. The slowdown in rate of gain might be identified in the confluence of elements described below along with the preceding explanation.

In a July 1987 survey, legislative fiscal officers were asked to identify the top three fiscal issues in their states. The leading issues were taxation, education, and general budget policy--in that priority order. In 22 states, education was the top priority fiscal issue, but for most states the focus of this issue was elementary-secondary rather than higher education. Higher education was identified as the top priority issue in only Arizona and Idaho (NCSL, 1987, p. 36). The interplay between taxation as the highest priority issue and a slightly lower priority for education may be seen in the following quotation from the NCSL study:

> The main reason why taxation was the top fiscal issue was federal tax reform which had a direct impact on most states' revenue. The federal example also inspired many states to reform their own income taxes to varying degrees. A second reason why taxation was a leading issue was the need for revenue in some states plagued by poor economies and anemic revenues. The decline in education's rank as the leading fiscal issue is consistent with the decline in growth of education spending. The margin by which the growth rate of aggregate education spending exceeded the growth rate of general fund spending was less than it has been in the past several year. This could indicate that the momentum for education reform has subsided, in part because states have already made substantial increases in support for education. (NCSL, p. 37)

Given some slowing in the momentum of the education reform movement, what else would account for the national increase in aggregate higher education appropriations? One factor is student aid. GRAPEVINE's purpose is not to focus on a single area, such as student aid, but preliminary figures in this area, as gleaned from those states reporting a separate amount for student aid, are instructive. Thirty-three states reported student aid as a separately identified entry. Sixty-one percent of these states (20 of 33) appropriated at least as much or more for student aid than had been appropriated in 1987; only 13 states reported decline in student aid appropriations.

Another explanatory factor in identifying increases for higher education would be the incentive or performance funding. One example, reported in GRAPEVINE, was in New Jersey. Rather than formula-based funding for higher education, New Jersey uses a base-plus priority funding system which includes two types of incentive funding. Challenge grants are awarded after institutions compete for awards by submitting proposals describing specific multi-year campus plans for accomplishing institutional goals related directly to mission. Competitive grants utilize a model similar to the national endowments and target entrepreneurial opportunities to selected areas, such as technologies, humanities, and math-science.

This New Jersey case study is illustrative of the fact than increasingly "new money" for higher education is going for specific programs, often focused on such goals as improving a state's economy, retraining workers, stimulating high-tech programs, and fostering quality improvement in education and higher education. Unrestricted increases for campus operating expenses are less prevalent now than in an earlier period. Even increases for such areas as faculty and staff salaries are coming under intense scrutiny as states re-examine their priorities and allocate increasingly scarce resources to a wide array of public services, including education and higher education.

ACKNOWLEDGMENTS

The fourth annual meeting of the GRAPEVINE Advisory Committee was held at the conclusion of the Annual Meeting of the State Higher Education Finance Officers in August 1987. The SHEFOs continue to serve as our primary data providers and, along with the Advisory Committee, they provide GRAPEVINE with advice about ways in which we can improve the accuracy and representativeness of these data. To them, our heartfelt thanks are extended.

Appreciation goes to the Office of Communications Services at the National Association of State Universities and Land-Grant Colleges for their assistance and support in publishing this annual report as they have done for the past 27 consecutive years.

Gratitude is given to my associate, Gwen Pruyne, the Managing Editor of GRAPEVINE, for her continued counsel, devotion to duty, and attention to detail as we continue the work of M. M. Chambers. The invaluable and competent microcomputer assistance of Hyun-Ah Oh is acknowledged.

Edward R. Hines
GRAPEVINE Editor
Director, Center for Higher Education
Professor of Educational Administration
Illinois State University
Normal, Illinois 61761
October 1987

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*Attended the GRAPEVINE Advisory Committee Meeting, Seattle, August 1987.

WHAT THE FIGURES ARE INTENDED TO MEAN

The data for this report are supplied by key persons in each state who report them to the monthly research report, GRAPEVINE. The ground rules used to achieve an approach to uniformity of reporting are enumerated below. Diversities of practices among the 50 states make it impossible to eliminate all inconsistencies and to accomplish absolute comparability among states and among institutions. We emphasize that comparisons are of limited usefulness but have value if correctly interpreted.

1. Report only appropriations; not actual expenditures.

2. Report only sums appropriated for annual operating expenses.

3. For the state tax appropriations in complex universities, set out separately the sums appropriated for (or allocated to) the main campuses, branch campuses, and medical centers (even if on the main campus). The medical center item should include operation of colleges of medicine, dentistry, pharmacy, nursing, and teaching hospitals, either lumped as one sum or set out separately as preferred.

4. Include:

   - sums appropriated for state aid to local public community colleges and for operation of state-supported community colleges, and for vocational-technical two-year colleges or institutes which are predominantly for high school graduates and adult students.

   - sums appropriated to statewide coordinating boards or governing boards, either for board expenses or for allocation by the board to other institutions or both.

   - sums appropriated for state scholarships or other student financial aids.

   - sums destined for higher education, but appropriated to some other state agency. Examples: funds intended for faculty fringe benefits may be appropriated to the State Treasurer and disbursed by that office; certain funds for medical and health education may be appropriated to the state department of health and disbursed from that department. Sometimes these sums have to be estimated because the exact amount disbursed cannot be known until after the end of the fiscal period.

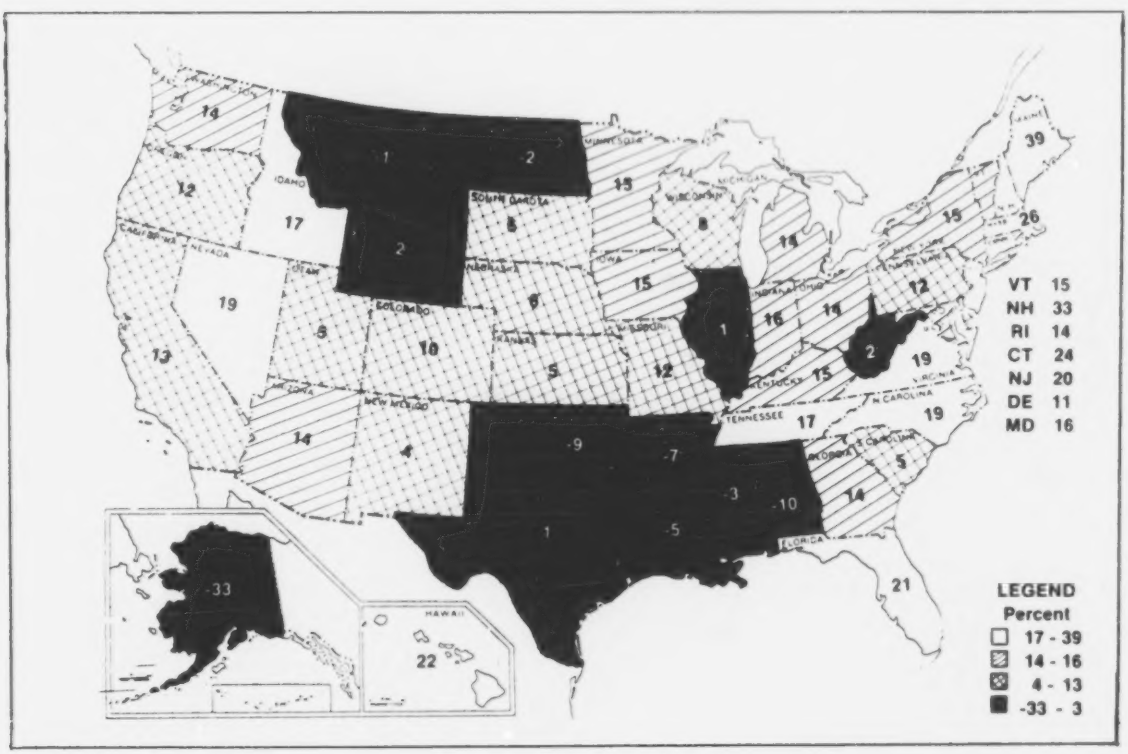
   - appropriations directed to private institutions of higher education at all levels.

5. Exclude:

   - appropriations for capital outlays and debt service.

   - appropriations of sums derived from federal sources, student fees, auxiliary enterprises, and other non-tax sources.

PERCENTAGES OF TWO-YEAR GAINS IN APPROPRIATIONS OF STATE TAX FUNDS
FOR ANNUAL OPERATING EXPENSES OF HIGHER EDUCATION
IN THE FIFTY STATES, FY1988 OVER FY1986



APPROPRIATIONS OF STATE TAX FUNDS FOR OPERATING EXPENSES OF HIGHER EDUCATION FOR FISCAL YEAR 1977-78, 1985-86, AND 1987-88, WITH PERCENTAGES OF GAIN OVER THE MOST RECENT TWO AND TEN YEARS
(In thousands of dollars)

States	Year 1977-78	Year 1985-86	Year 1987-88	2-yr gain Percent	10-yr gain Percent
(1)	(2)	(3)	(4)	(5)	(6)
Alabama	310,974	631,341	570,537	-10	83
Alaska	68,212	236,169	157,156	-33	130
Arizona	207,961	432,342	491,911	14	137
Arkansas	126,155	299,224	279,105	- 7	121
California	1,961,525	4,209,755	4,748,158	13	142
Colorado	220,909	399,140	441,021	10	100
Connecticut	190,757	329,917	409,549	24	115
Delaware	44,190	91,411	101,339	11	129
Florida	489,609	1,129,504	1,365,759	21	179
Georgia	302,797	666,486	759,404	14	151
Hawaii	109,642	208,636	254,672	22	132
Idaho	77,072	119,042	139,136	17	81
Illinois	779,284	1,315,155	1,331,564	1	71
Indiana	338,152	608,341	704,703	16	108
Iowa	228,166	385,370	441,458	15	93
Kansas	188,869	345,173	363,924	5	93
Kentucky	205,861	432,827	499,526	15	143
Louisiana	242,469	539,736	514,517	- 5	112
Maine	45,910	100,989	140,645	39	206
Maryland	281,230	531,986	614,657	16	119
Massachusetts	254,122	711,101	895,299	26	252
Michigan	660,404	1,152,097	1,313,048	14	99
Minnesota	401,352	704,018	809,963	15	102
Mississippi	186,668	373,687	362,036	- 3	94
Missouri	259,359	449,017	503,189	12	94
Montana	52,251	106,150	105,106	- 1	101
Nebraska	131,200	210,508	227,203	8	73
Nevada	45,457	94,400	112,730	19	148
New Hampshire	27,519	50,265	66,901	33	143
New Jersey	403,566	846,326	1,013,299	20	151
New Mexico	95,756	234,095	242,798	4	154
New York	1,298,754	2,545,546	2,936,954	15	126
North Carolina	466,208	1,078,822	1,284,076	19	175
North Dakota	61,822	120,472	118,174	- 2	91
Ohio	551,174	1,109,252	1,259,569	14	129
Oklahoma	173,261	425,877	386,265	- 9	123
Oregon	198,234	312,194	349,940	12	77
Pennsylvania	668,467	1,052,484	1,176,066	12	76
Rhode Island	62,230	110,795	126,185	14	103
South Carolina	227,148	498,037	521,016	5	129
South Dakota	42,584	69,668	74,041	6	74
Tennessee	266,091	548,187	639,237	17	140
Texas	1,050,400	2,204,355	2,231,785	1	112
Utah	118,602	244,441	257,389	5	117
Vermont	22,983	44,057	50,555	15	120
Virginia	330,586	770,883	915,818	19	177
Washington	380,250	596,562	678,482	14	78
West Virginia	138,063	233,057	236,565	2	71
Wisconsin	399,410	650,855	705,430	8	77
Wyoming	42,883	111,583	114,188	2	166
Totals	15,436,548	30,671,335	34,042,048		
Weighted average percentages of gain				11	121

ALABAMA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Alabama.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Alabama		
Tuscaloosa	64,739	65,720
Birmingham	43,916	44,671
School of Medicine	34,168	34,660
School of Dentistry	8,557	8,716
School of Optometry	3,446	3,511
University Hospitals	7,077	7,077
Subtotal, U of A, B,	97,163	98,635
Huntsville	20,627	20,940
Subtotal, U of A,	182,529	185,295
Auburn University		
Main Campuses	58,225	59,174
Veterinary medicine	6,876	6,876
Veterinary clinic	270	270
Cooperative extension serv	13,406	13,627
Coop ext, retirement	1,871	1,871
Ag experiment station	12,878	13,064
Subtotal, AU-main campus,	93,526	94,882
Montgomery campus	10,792	10,969
Subtotal, AU,	104,318	105,851
University of South Alabama	22,242	22,806
College of Medicine	12,441	12,460
Univ hosp, clinics, programs	1,206	1,206
Subtotal, U of SA	35,889	36,472
Jacksonville State University	15,840	16,019
Alabama A&M University	15,148	15,250
Alabama State University	14,958	15,177
Troy State University System*	14,809	15,184
University of North Alabama	12,030	12,235
University of Montevallo	8,752	8,878
Livingston University	5,316	5,385
Athens State College	2,715	2,761
Junior Colleges	58,550	58,869
Postsecondary Educ Dept	519	502
Private Institutions	2,601	2,602
Medical scholarships	677	677
Dental scholarships	176	176
Optometric scholarships	125	125
Chiropractic scholarships	47	48
AL National Guard scholarships	200	200
Sylacauga nursing	82	82
Marine environment consortium	755	906
Comm on Higher Education**	6,070	11,318
Southern Regional Educ Board	289	346
Retirement, soc security (est)	74,500	76,179
Total	556,895	570,537

*Includes three campuses: Troy, Montgomery and Dothan-Ft. Rucher.

**Includes student aid for FY87 of $4,061,000 and for FY88 of $6,059,000.

NOTE: Vocation/technical college appropriations are not included above.

ALASKA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Alaska.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Alaska System		
Interior/Western Region		
UA/Fairbanks	45,182	43,673
Organized Research	10,095	10,529
Kuskokwin Comm College	2,681	2,392
Tanana Valley Comm College	2,994	2,154
Northwest Comm College	1,127	985
Chukchi Comm College	919	858
Coop extension service	3,525	3,547
Rural education	2,126	1,931
Other	3,523	3,527
Subtotal, I/W region	72,172	69,596
Southcentral Region		
UA/Anchorage	21,417	20,321
Anchorage Comm College	12,621	11,984
Kenai Peninsula/Comm Coll	1,988	1,905
Matanuska-Susitna Comm Col	1,592	1,486
Kodiak Comm College	1,269	1,089
Prince William Sound C C	1,079	1,084
Statewide Comm Coll Suppor	2,468	1,077
Voc/Tech programs	7,872	7,668
Other	314	884
Subtotal, SC region	50,620	47,498
Southeastern Region		
UA/Juneau	7,412	7,047
Ketchikan Comm College	1,125	909
Islands Comm College	1,047	809
Subtotal, SE region	9,584	8,765
Statewide programs & services		
Administration	5,293	5,523
Network services	5,660	5,417
ACCFT Contract	189	202
GNOSIS	223	200
Statewide restructuring*		600
Subtotal, statewide	11,365	11,942
Subtotal, UA system	143,741	137,802
WICHE	1,109	1,121
Financial aid	61,000	15,700
Postsecondary Education Commis	2,506	2,534
Total	208,356	157,156

*This tabulation reflects the restructuring of the University System.

ARIZONA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Arizona.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Arizona	158,129	173,730
College of medicine	35,845	40,103
Subtotal, U of A,	193,974	213,833
Arizona State U, Tempe	138,925	153,363
Westside campus	4,956	7,464
Subtotal, ASU,	143,881	160,827
Northern Arizona University	49,013	55,203
Board of Regents and WICHE	3,908	4,786
Comm for Postsecondary Ed		469
Subtotal, State U's,	390,776	435,118
State aid to comm colls	59,905	56,793
Total	450,681	491,911

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ARKANSAS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Arkansas.

Institutions	Sums Appropriated 1986-87	1987-88*
(1)	(2)	(3)
U of Arkansas System		
Fayetteville campus	51,422	54,199
Medical sciences	42,802	40,897
Ag experiment stations	13,019	13,459
Coop extension service	12,584	13,245
Grad Inst of Technology	1,243	
Archeological survey	750	771
Little Rock campus	24,761	27,293
Pine Bluff campus	10,270	10,691
Monticello campus	5,975	6,273
System administration	1,545	1,533
Subtotal, U of A	164,371	168,361
Arkansas State U	23,768	25,060
Beebe branch	2,600	2,684
Subtotal, ASU	26,368	27,744
Southern Arkansas U	7,358	7,604
El Dorado branch	1,121	1,183
Technical branch	3,018	3,125
Subtotal, SAU	11,497	11,912
U of Central Arkansas	18,991	20,303
Arkansas Tech U	10,620	10,936
Henderson State U	8,473	8,876
Community Colleges	20,335	21,131
So Regional Education Boards	80	80
Dental & vet aid	1,388	1,397
Other dental, vet, optometry	706	661
State scholarship aid (SSIG)	3,346	3,416
Dependents & survivors scholar	30	22
Other state scholarships	960	1,012
Subtotal, Student aid	4,336	4,450
Other appropriations**	3,365	3,254
Total	270,530	279,105

* Current revenue estimates.

** Includes: In FY87 - Economic development and prison education. In FY88 - Economic development, prison education, community leader development, and off-campus matching programs.

CALIFORNIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in California.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of California		
Los Angeles	403,919	425,308
Berkeley	322,196	337,551
Davis	288,267	303,093
San Diego	179,559	190,907
San Francisco	142,221	147,288
Irvine	136,185	144,546
Santa Barbara	123,557	133,719
Riverside	98,002	103,830
Santa Cruz	66,631	73,530
System administration	35,278	37,571
Subtotal, U of C,	1,795,815	1,897,343

(Continued in the next column)

CALIFORNIA (Continued from preceding column)

California State University		
San Diego	113,088	122,414
Long Beach	94,956	103,810
San Jose	87,909	94,017
Northridge	86,121	92,420
San Luis Obispo	81,859	88,740
Sacramento	80,607	87,237
San Francisco	80,919	86,587
Fresno	77,235	84,758
Los Angeles	74,808	78,845
Pomona	71,704	78,555
Fullerton	70,128	76,157
Chico	66,865	71,912
Hayward	50,765	54,033
Humboldt	40,065	41,777
San Bernardino	29,034	33,948
Dominguez Hills	30,702	31,958
Sonoma	28,501	30,602
Bakersfield	21,452	24,007
Stanislaus	21,187	23,960
International programs	1,698	1,894
Systemwide offices	31,935	34,158
Systemwide provisions	81,009	58,335
Salary increases	48,700	42,309
Program change proposals		3,005
Subtotal, CSU,	1,371,247	1,445,438
Hastings College of Law	11,808	11,475
California Maritime Academy	6,011	6,053
Community Colleges	1,199,057	1,259,347
Student Aid Commission	119,304	125,066
Comm for Review of Master Plan	588	175
Postsecondary Education Comm	3,901	3,261
Total	4,507,731	4,748,158

COLORADO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Colorado.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Colorado*	71,579	78,115
Health Sciences Center**	84,194	81,358
Subtotal, U of C,	155,773	159,473
State Board of Agriculture***	62,387	67,486
Ag experiment station	6,965	6,505
Ag extension service	5,794	5,957
Veterinary medicine & hosp	5,346	5,161
Forest service	2,320	2,405
Subtotal, St Bd of Ag	82,812	87,514
U of Northern Colorado	23,221	25,129
Colorado School of Mines	10,019	10,311
Consortium of State Colleges+	39,427	42,290
State Community Colleges	44,733	48,507
State aid to district jr colls	10,831	11,713
Occupational education	24,018	24,450
Subtotal, SBCCOE	79,582	84,670
Auraria Higher Ed Center++		
Council on Arts and Humanities	1,641	1,041
State Historical Society	1,377	1,382
Colorado Advanced Tech Inst	736	3,715
Commission on Higher Education	1,429	
Student aid	24,062	23,239
Vet and Ntl Guard tuition	266	283
Other	2,787	1,974
Subtotal, CCHE,	28,544	25,496
Total	423,132	441,021

(Footnotes on the next page)

COLORADO (Footnotes)

*Appropriated to the Board of Regents for allocation to the campuses at Boulder, Denver, and Colorado Springs.

**Includes: FY88, $36,583,452 and FY87, $40,281,165 for indigent medical care.

***The State Board of Agriculture governs the U of Southern Colorado, Ft. Lewis College, and Colorado State U.

+Includes Mesa College, Metropolitan State College, Western State College, and Adams State College.

++Funded by transfers from the Regents of the U of Colorado, Consortium of State Colleges, and the State Community Colleges

CONNECTICUT

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Connecticut.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Connecticut	110,853	123,664
Health center	51,912	56,318
Subtotal, U of C,	162,765	179,982
State Universities		
Southern	25,418	27,573
Central	25,514	27,439
Western	12,303	13,546
Eastern	10,038	11,256
Central office	1,401	2,095
Subtotal, S U's,	74,674	81,909
CNVR Higher Education Center	2,608	2,812
Regional community colleges	46,839	51,898
State technical colleges	15,138	16,459
Department of Higher Education	2,063	2,391
Payment to others	15,582	18,901
Brd for State Academic Awards	465	672
New Eng Brd of Higher Ed	197	212
Museum of Nat Hist	56	179
Fringe benefits (est)	64,202	54,134
Total	384,589	409,549

DELAWARE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Delaware.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Delaware*	53,037	55,682
Scholarships & financial aid	3,671	4,012
State geologist	687	734
Sea grant	266	345
Subtotal, U of D,	57,661	60,773
Delaware State College**	14,564	14,977
Institute of Med Ed & Research	1,643	1,708
Institute of Veterinary Med Ed	148	179
Inst of Dental Ed & Research	92	94
Technical & Comm Colleges	21,472	22,285
Postsecondary Ed Commission	1,217	1,323
Total	96,797	101,339

* FY88 includes $ 500,000 in "one time funds."

** FY88 includes $ 50,000 in "one time funds."

FLORIDA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Florida.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
State University System		
University of Florida	149,286	154,502
Health center	72,435	75,965
Inst of Food & Ag Science	78,519	81,388
Engine & Exper Station	2,200	2,290
Subtotal, U of F*	302,440	314,145
University of South Florida	95,497	97,676
Medical center	40,249	41,828
Mental health institute	10,192	10,584
Subtotal, U of SF	145,938	150,088
Florida State University	117,970	120,422
Florida International U	58,781	63,328
U of Central Florida	52,688	53,844
Florida Atlantic U	43,531	46,520
Florida A&M University	38,519	38,193
U of West Florida	26,109	27,359
U of North Florida	20,729	21,893
System reserve	987	34,818
Board of Regents*	6,622	7,860
SREB**	496	520
Challenge grants**	10,050	
Comm hospital ed program**	5,914	6,156
U of Miami med school**	9,967	10,549
SE Coll Osteopathic Med**	1,208	1,483
SECOM rural unmet needs	105	105
Research and Technology	3,650	
Subtotal, BoR	38,012	26,673
Subtotal, SUS	845,704	897,283
Student Assistance	11,476	13,398
Critical teacher shortage	2,000	2,745
Academic scholar fund	3,226	5,535
Public service work study	257	257
Graduate scholars fund	100	410
Coll career work experience	841	841
Most promising teacher	1,500	1,440
Master assoc teacher	250	250
Latin Amer-Caribbean Basin	280	280
Jose Marti scholarship	200	100
Challenger astronauts scholarship		14
Postsecondary Ed Plan Comm	575	575
Private Institutions		
Univ of Miami Nursing Sch	674	781
U Miami-indus,elec,biomed eng	526	923
Barry Univ, social work	212	234
Florida Inst Tech Science	76	115
Florida Inst Tech Engineering	326	512
Mt. Sinai Radiologic Tech	95	95
Bethune-Cookman Col Med Tech	40	40
Univ of Miami Biomed Science	150	276
Univ of Miami marine & atmosp	225	324
Univ of Miami minority affair	100	100
Edward Waters Upgrade	250	250
Bethune-Cookman Challenger	250	250
Bethune-Cookman College of Edu	250	250
Nova Univ.		980
Tuition asst student-pvt inst	15,989	15,975
Subtotal, Private Inst,***	19,163	21,105
State aid to community coll	390,445	419,018
State Board of Comm Coll	2,217	2,508
Subtotal, C C's	392,662	421,526
Total	1,278,234	1,365,759

*Excludes $1.5 million for research and technology appropriated to the State University System but transferred to another state office for FY87 and FY88.

**In 85-86 assigned to the Board of Regents central office.

***State funds going to private institutions, including those assigned to the Board of Regents equal FY88, $ 33,242,000 and FY87, $ 30,338,000.

GEORGIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Georgia.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Georgia	148,634	157,799
Ag experiment station	29,173	31,153
Coop extension service	28,453	29,946
Vet med experiment station	2,639	2,735
Skidaway Inst of Oceanograph	1,306	1,428
Marine extension service	1,011	1,135
Marine Institute	769	816
Vet med teaching hospital	414	435
Minority business enterprise	304	321
Athens/Tifton veterinary lab	53	34
Subtotal, U of G,	212,756	225,802
Medical College of Georgia	56,166	59,357
Talmadge memorial hospital	29,344	30,609
Family pract residency prog	5,448	5,506
Desegregation program	338	357
Radiation therapy center		
Subtotal, MC of G,	91,296	95,829
Georgia State University	76,295	80,766
Georgia Institute of Tech	61,100	64,914
Georgia Tech Research Inst	8,582	9,618
Engineering Extension Div	803	594
Advanced Tech Dev Center	1,017	1,189
Agricultural research	913	954
Center for Rehab Tech	557	654
Subtotal, GIT,	72,972	77,923
Senior Colleges -		
Georgia Southern College	20,393	22,349
West Georgia College	16,335	17,004
Valdosta State College	15,198	16,069
Kennesaw College	13,240	14,349
Columbus College	12,461	12,942
Southern Inst of Technology	10,867	11,673
Fort Valley State College	10,182	10,700
Georgia College	9,900	10,489
Savannah State College	9,850	10,197
Albany State College	9,617	10,112
Augusta College	9,141	9,573
Armstrong State College	8,036	8,446
Georgia Southwestern College	7,813	8,068
North Georgia College	6,351	6,752
Clayton State College	5,984	6,403
Subtotal, S C's,	165,368	175,126
Junior Colleges -		
DeKalb Community College*	16,080	11,808
Abraham Baldwin Ag College	6,194	6,459
Middle Georgia College	5,037	5,170
Macon Junior College	4,705	4,913
Albany Junior College	4,410	4,544
South Georgia College	3,706	4,002
Gainesville Junior College	3,631	3,826
Atlanta Junior College	3,492	3,608
Floyd Junior College	3,561	3,593
Dalton Junior College	3,441	3,558
Brunswick Junior College	3,242	3,388
Gordon Junior College	2,917	3,121
Bainbridge Junior College	2,120	2,199
Waycross Junior College	1,621	1,685
Emanuel County Jr College	1,506	1,580
Subtotal, J C's,	65,663	63,454
Regents of University System	4,665	4,856
SREB payments	6,482	11,966
Repairs/rehabilitation funds	9,415	19,958
Medical scholarships	612	698
Regents opportunity grants	600	600
Regents scholarships	200	200
Research consortium	5,100	500
Eminent scholars program	500	250
Subtotal, R of US,	27,574	39,028
Unallocated reserve	2,080	1,476
Total	714,004	759,404

* DeKalb College became a "state" junior college effective July 1, 1986.

HAWAII

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Hawaii.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Hawaii		
University of Hawaii, Manoa	109,294	124,490
School of medicine	8,701	9,951
School of nursing	1,629	1,736
Agricultural experiment st	7,575	7,838
Cooperative extension serv	3,352	3,567
Subtotal, U of H, M,	130,551	147,582
University of Hawaii, Hilo	13,040	15,408
West Oahu College	1,023	985
Community Colleges	37,194	45,985
Systemwide support	15,372	15,486
Supplemental appropriations	400	
Subtotal, U of H,	197,580	225,446
WICHE	926	926
Fringe benefits (est)	45,039	51,000
Less tuition and other revenue	-22,700	-22,700
Total	220,845	254,672

Note: Beginning in FY84, amounts for collective bargaining, formerly reported as a lump sum, were included in the institutional figures. For FY88 collective bargaining amounts are not included because they are not yet available.

IDAHO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Idaho.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Idaho	38,527	40,766
Ag research & coop extension	10,470	11,486
WAMI medical education	1,835	1,850
WOI veterinary medicine	933	928
Forestry research	107	120
Geological survey	305	333
Subtotal, U of I,	52,177	55,483
Boise State University	25,957	28,566
Idaho State University*	23,160	25,434
Lewis-Clark State College	3,988	4,462
Unallocated		2,720
Junior College support	5,815	6,155
Vocational education	13,546	14,741
State Board of Education	504	579
Scholarships and grants	267	362
Medical education	616	634
Total	126,030	139,136

* Includes $ 231,000 in FY87 and $ 273,000 in FY88 for dental education program.

ILLINOIS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Illinois.

Institutions	Sums appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Illinois		
Urbana/Champaign	233,189	221,722
Chicago	218,450	209,667
General university	34,952	35,866
Subtotal, U of I,	486,591	467,255
Southern Illinois University		
Carbondale	114,939	109,734
Edwardsville	48,443	46,815
System office	1,836	1,764
Subtotal, SIU,	165,218	158,313
Board of Regents		
Northern Ilinois University	79,301	75,044
Illinois State University	59,784	54,724
Sangamon State University	15,693	14,481
Board office	1,375	1,335
Subtotal, BoR,	156,153	145,584
Board of Governors		
Western Illinois University	41,995	39,734
Eastern Illinois University	31,943	29,661
Northeastern Illinois Univ	28,224	25,733
Chicago State University	22,347	21,369
Governors State University	16,166	15,207
Board Office	1,855	1,601
Subtotal, BoG,	142,530	133,305
State aid to Community Colleges	201,971	191,783
Board office	1,269	1,225
Subtotal, CCs,	203,240	193,008
IL State Scholarship Commission		
Scholarships and grants	138,490	139,571
Administration	2,433	2,354
Vets/MIA dep scholarships	472	481
Subtotal, ISSC,	141,395	142,406
Board of Higher Education	1,894	1,830
Grant programs*	38,471	36,046
Subtotal, BHE,	40,365	37,876
Civil service merit	823	789
Special retirement contrib**	1,926	1,849
Health, life insurance (est)	46,476	44,617
Worker & unemployment ins	3,252	3,204
Tech trans & innovation grants	2,900	2,358
Small business dev centers	1,700	1,000
Total	1,392,569	1,331,564
* Includes (in thousands of dollars)		
Grants to private insts	13,584	13,104
Higher Education Grants	19,512	18,090
Higher Education Coop Act	5,375	4,852

** Restores a portion of the funds reduced during FY83.

INDIANA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Indiana.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
Indiana University		
Bloomington	116,388	122,280
IUPUI-Indianapolis*	40,692	45,868
Health Division	49,383	51,377
Medical education		
Statewide system	10,723	11,098
Planning	2,267	2,312
Medical education board	1,000	1,000
Intern-residency program	1,334	1,334
Regional campuses		
Northwest	9,296	9,446
South Bend	8,356	8,712
Southeast	5,995	6,357
Kokomo	3,736	4,021
East	1,706	1,873
Higher ed telecommunications	4,460	4,910
Mental retardation	1,534	1,608
Chemical test training	384	397
Blood treatment program	81	84
Optometry education	2	29
Subtotal, IU	257,337	272,706
Purdue University		
West Lafayette	139,520	146,817
IUPU-Fort Wayne**	16,210	16,756
Regional campuses		
Calumet	13,526	14,045
North Central	3,866	4,134
Coop extension service	2,649	2,951
Animal disease diag lab	1,845	2,022
Ag experiment station	1,379	1,427
Technology program	1,951	2,867
County computer terminals	100	100
Crop production research		50
Valparaiso nursing		84
Subtotal, PU	181,046	191,253
Ball State U	74,112	77,475
Indiana State U	51,165	53,783
U of Southern Indiana	7,878	8,911
Vincennes U***	15,747	16,577
Indiana Voc Tech Coll	39,005	43,048
Commission for Higher Educatio	886	1,007
Coll placement assessment ctr	150	400
Student Assistance Commission	31,956	35,166
Univ-based business assist		1,127
Program start-up fund	1,000	2,000
Endowment for Excellence	1,250	1,250
Total	661,532	704,703

*Acronym for Indiana University - Purdue University at Indianapolis, which includes the Indiana medical center, law school & other units, as well as offering academic programs of Purdue.

**Dual campus of Indiana and Purdue. The boards of trustees of the two institutions designate one to be fiscal agent.

***A two-year college largely supported by the state, but partly by the county where it is located.

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IOWA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Iowa.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Iowa	128,205	137,519
Psychiatric hospital	5,713	5,961
Hospital school	4,252	4,489
Oakdale campus	2,382	2,478
Family practice med training	1,447	1,508
Subtotal, U of I,	141,999	151,955
Iowa State University	105,081	112,385
Ag and home ec exper sta	11,999	13,466
Cooperative extension serv	11,644	13,215
Fire service education	140	389
Livestock research	300	300
Water resources research	100	100
Center for Indus Rsrch & Svc	50	
Subtotal, ISU,	129,314	139,855
University of Northern Iowa	41,016	44,379
Board of Regents	461	512
Subtotal, Regents programs	312,790	336,701
Area Colleges		
General aid*	60,003	75,343
Vocational aid	8,050	
Subtotal, A C's,	68,053	75,343
College Aid Commission		
Pvt college tuition grants**	20,733	24,295
State scholarships	337	400
Voc-tech tuition grants	647	646
University of Osteopathy**	725	725
Science & math teacher loans	67	50
Science & math student grant	900	799
GSL repayment	58	85
Commission central office	296	266
Elderlaw Program	95	
College work study		2,148
Subtotal, CAC,	23,858	29,414
Total	404,701	441,458

*For FY85 & later, reported appropriations include 3/4 appropriated in the budget year and 1/4 appropriated in the following FY, but designated for expenditures during the budget year.

**Support for private institutions only.

KANSAS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Kansas.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Kansas	77,830	83,618
Medical center	42,340	59,063
Subtotal, U of K,	120,170	142,681
Kansas State University	77,017	82,367
Veterinary medical center	5,777	6,070
Subtotal, KSU,	82,794	88,437
Wichita State University	35,076	38,875
Pittsburg State University	15,618	16,881
Emporia State University	15,808	16,519
Fort Hays State University	15,220	16,157
Kansas Technical Institute	3,050	3,263
Board of Regents*	6,386	6,369
Civil Serv salary incr (est)		1,166
Subtotal, Regents System,	294,122	330,348
Aid to Washburn University	4,154	4,225
Aid to community colleges	27,449	29,351
Total	325,725	363,924

*Includes student assistance: $5,089,000 in FY87 and $4,939,913 in FY88.

Note: The figures for FY87 reflect a mid-year recision of 3.8% or $12.7 million. In FY87 the University of Kansas medical center budget reflects a shift of $8.5 million from state general funds to hospital revenue funds.

KENTUCKY

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Kentucky.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Kentucky	157,450	174,198
UK Community Colleges	32,617	37,314
Subtotal, U of K,	190,067	211,512
University of Louisville	94,004	102,137
Eastern Kentucky U	38,646	41,155
Western Kentucky U	37,945	40,421
Murray State U	28,705	30,761
Morehead State U	23,354	24,774
Northern Kentucky U	19,704	21,095
Kentucky State U	12,954	13,663
Ky Higher Ed Assist Authority	8,575	8,817
Council on Higher Ed	4,764	
Administration		2,289
Professional Educ Prep Program		285
Educational TV/Consortia	250	258
EPSCOR		600
Minority Student Prep Program		250
Other programs		1,509
Total	458,968	499,526

NOTE: For FY88, includes: special appropriations of $9,066,500 for salary incentives and $ 1,875,000 for Centers of Excellence distributed by the Council on Higher Education to institutions, and budget reductions. Excludes special appropriation of $ 2,000,000 for endowed chairs.

LOUISIANA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Louisiana.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
LA State University System		
Baton Rouge	81,173	82,529
Medical center	107,079	107,151
Ctr for Ag Sci & Rural Dev	43,814	44,522
Veterinary medicine	11,569	12,320
Law center	4,164	4,064
New Orleans campus	26,073	26,969
Shreveport campus	7,226	7,433
Alexandria campus	3,577	3,752
Eunice campus	2,686	2,793
System Board	1,625	1,600
Subtotal, LSU,	288,986	293,133
Board of Trustees System		
Southwestern LA	31,413	33,243
Louisiana Tech	23,195	24,314
Northeast LA	22,308	23,419
Southeastern LA	16,271	16,856
Grambling State	15,049	16,647
McNeese State	15,583	16,604
Northwestern State	14,647	15,379
Nicholls State	14,386	15,158
Delgado Comm College	11,229	11,497
System Board	525	713
Subtotal, Bd of T,	164,606	173,830
Southern University System		
Baton Rouge	27,133	29,024
New Orleans	7,762	8,286
Shreveport	4,432	4,613
System Board	1,453	1,654
Subtotal, SUS,	40,780	43,577
LA Univ Marine Consortium	1,397	1,597
Board of Regents, admin	1,176	1,179
Research and development	351	300
SREB	249	377
Other programs	357	524
Subtotal, Bd of R,	2,133	2,380
Total	497,902	514,517

MAINE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Main.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Maine*	99,424	111,459
Public broadcasting network	1,602	1,796
Subtotal, U of M	101,026	113,255
Vocational education**	16,694	18,778
Maine Maritime Academy	4,134	4,455
Grant/loan/scholarships+	1,360	1,402
Incentive scholarships++	1,537	1,310
Other scholarships	950	1,445
Total	125,701	140,645

*Includes all campuses.

**Includes six institutes and other vocational programs.

+Includes funds to secure positions in health related fields for Maine students at various schools in the Northeast.

++For students attending either public or private institutions.

MARYLAND

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Maryland.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Maryland		
College Park	149,993	165,535
Baltimore City	84,271	92,261
Baltimore County	30,327	33,770
Eastern Shore	9,780	10,796
Agricultural experiment stn	9,437	10,358
Cooperative extension srvc	12,002	12,818
Ctr, environ & estuarine	5,354	6,151
General university	11,517	13,706
Subtotal, U of M,	312,681	345,395
State Universities and Coll		
Towson State University	33,095	35,479
Morgan State University*	24,361	24,173
Frostburg State College	14,387	15,570
Salisbury State College	12,027	13,187
University of Baltimore	11,745	12,736
Bowie State College	10,421	11,468
Coppin State College	9,631	10,328
St. Mary's Coll of Maryland*	6,270	6,814
Trustees of State Univ & Col	5,963	5,423
Subtotal, U & C's,	127,900	135,178
State scholarship board	8,940	11,126
Higher education loan corp		
Board for Higher Education	5,636	5,887
Aid to private higher educ	16,675	17,922
Aid to community colleges	97,499	98,472
State Board for Community Coll	644	677
Total	569,975	614,657

* These two institutions are governed by their own boards of trustees. The other six institutions are governed by the Trustees of State Universities and Colleges.

MASSACHUSETTS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Massachusetts.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Massachusetts	164,376	166,702
Amherst	56,714	61,489
Boston	29,428	29,707
Worcester	636	698
President's office	251,154	258,596
Subtotal, U of M,	54,801	52,407
University of Lowell	32,115	31,217
Southeastern Mass Univ		
State Colleges	20,545	20,474
Salem	19,513	19,675
Bridgewater	16,542	16,395
Fitchburg	13,177	13,351
Worcester	13,123	12,977
Westfield	13,012	13,172
Framingham	9,184	8,493
Massachusetts Maritime	8,925	9,156
North Adams	8,590	8,747
Massachusetts College of Art	122,611	122,440
Subtotal, S C's,		
Community Colleges	13,169	13,657
Springfield	12,711	12,752
Massasoit	12,345	12,789
North Shore	10,364	10,945
Northern Essex	9,804	10,034
Bunker Hill	9,567	9,938
Holyoke	8,403	8,354
Middlesex	8,102	8,234
Bristol	7,576	7,708
Quinsigamond	6,982	8,130
Roxbury	6,657	6,818
Berkshire	6,622	6,746
Massachusetts Bay	6,475	6,516
Cape Cod	6,280	6,433
Mt Wachusett	5,467	5,604
Greenfield	130,524	134,658
Subtotal, C C's,	86,827	132,086
Fringe benefits	36,526	51,307
Collective bargaining	4,038	4,159
Board of Regents	75,300	84,390
Scholarships	22,477	24,039
Other	816,373	895,299
Total		

NOTE: FY88 campus appropriations include partial collective bargaining costs.

MICHIGAN

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Michigan.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Michigan	225,308	237,913
Ann Arbor campus	14,518	15,383
Dearborn campus	12,925	13,852
Flint campus	252,751	267,148
Subtotal, U of M,	187,272	192,217
Michigan State University	18,495	19,868
Ag experiment station	16,697	17,781
Cooperative extension srvc		7,354
Other	222,464	237,220
Subtotal, MSU,		

(Continued in the next column)

MICHIGAN (Continued from preceding column)

Wayne State U,	152,553	162,968
Western Michigan University	69,276	73,845
Eastern Michigan University	52,307	56,502
Central Michigan University	45,175	48,635
Ferris State College	33,339	35,795
Michigan Tech University	33,124	35,059
Northern Michigan University	32,020	33,884
Oakland University	29,900	31,907
Grand Valley State College	20,346	23,807
Saginaw Valley College	12,242	13,847
Lake Superior State College	8,643	9,153
Upper Peninsula Health Project	507	542
Supportive services		833
Scholarships and Grants -		
Competitive scholarships	25,600	25,600
Private Tuition grants	41,890	43,890
Private Dental grants	3,360	3,500
Private General degree	3,891	3,920
Private Allied health	539	600
Indian tuition	1,072	1,180
Michigan Work-study		5,333
Part-time students		2,000
Robert C. Byrd Scholarship		500
Congress. teachers scholarship		750
Mich Ed Opportunity Grants	1,000	1,000
Carl D. Perkins Scholarship	365	
Subtotal, S & G,	77,717	88,273
State aid to community college	186,722	198,080
Less Federal Funds	3,564	4,450
Total	1,235,522	1,313,048

MINNESOTA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Minnesota.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Minnesota*	311,842	315,430
Special Appropriations	70,072	75,461
Subtotal, U of M	381,914	390,891
State Universities**	124,439	130,898
Community Colleges***	61,486	65,923
Technical Institutes+	143,868	147,057
Higher Educ Coordinating Brd++		
Scholarships and grants	58,300	60,500
Tuition reciprocity	3,000	3,700
Work study	4,429	4,504
Income contingent loans	150	110
Minitex library	739	759
Other	3,213	4,770
Subtotal, Coordinating Brd	69,831	74,343
Mayo Medical School+++	933	851
Total	782,471	809,963

*Includes campuses at Duluth, Minneapolis-St. Paul, Morris, and two-year technical colleges at Crookston and Waseca, as well as medical, agricultural, and all other programs.

**Includes the four campuses at Mankato, St. Cloud, Moorhead, Bemidji and Southwest and Metropolitan University.

***Includes 13 state-operated institutions.

+Includes 33 state-funded, locally operated post-secondary institutions.

++Includes student aid and other appropriations.

+++Private institution.

MISSISSIPPI

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Mississippi.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
U of Mississippi	27,898	30,127
Medical Center	51,916	57,252
Pharmaceutical research	1,100	1,253
Off campus centers	273	327
Mineral resources institute	348	365
Law research institute	255	272
Subtotal, U of M	81,790	89,596
Mississippi State U	35,426	38,989
Ag & forest experiment sta	12,489	13,689
Coop extension	11,937	13,214
Coll of veterinary med	6,087	6,385
State chemical lab	728	778
Forest products lab	1,323	1,954
Off campus centers	784	896
Water resources institute	60	78
Subtotal, MSU	68,834	75,983
U of Southern Mississippi	34,118	36,596
Off campus centers	2,012	2,265
Subtotal, U of SM	36,130	38,861
Jackson State U	14,765	17,073
Delta State U	9,156	9,530
Alcorn State U	6,579	7,509
Miss U for Women	5,878	6,492
Miss Valley State U	5,533	5,416
Gulf Coast Research Lab	2,557	2,721
Research and Development Ctr	3,569	3,769
Education & Research Ctr	839	976
Universities Center	265	322
Inst for Technological Develop	1,000	2,000
Student financial aid	792	1,442
Board of Trustees	811	911
Junior Colleges	50,000	56,805
State System administration	196	209
Vocational education	38,659	42,421
Total	327,353	362,036

*Appropriated to the Board of Trustees for allocation to the eight universities and the Gulf Coast Research Lab.

MISSOURI

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Missouri.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Missouri		
Columbia*	126,029	
Kansas City	45,411	
Rolla	29,061	
St. Louis	26,535	
System-wide programs	20,868	
State-wide programs	7,704	
Subtotal, U of M,	255,608	262,509
State Univ & Colleges		
Southwest	37,770	41,103
Central	26,162	29,796
Southeast	25,196	26,978
Northeast	20,626	22,641
Northwest	14,934	15,653
Western	9,864	10,747
Southern	10,111	10,742
Lincoln	8,338	8,877
Harris-Stowe	4,213	4,158
Subtotal, U & C's,	157,214	170,695
Aid to public jr colleges	51,845	56,417
Student Grant Program	8,644	8,680
Coord Board & Other**	3,109	4,888
Total	476,420	503,189

*FY87: Includes $15,500,000 for the teaching hospital and clinics.

**Includes libraries, historical society and research assistance funds.

MONTANA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Montana.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Montana	25,556	27,023
Forestry experiment station	629	629
Subtotal, U of M,	26,185	27,652
Montana State University	31,966	32,951
Ag experiment station	5,638	6,204
Coop extension service	2,096	2,526
Subtotal, MSU,	39,700	41,681
Coll of Mineral Science & Tech	6,435	6,402
Bureau of Mines	1,391	1,233
Subtotal, CMST,	7,826	7,635
Western Montana College	10,234	10,075
Northern Montana College	5,924	6,283
Western Montana College	3,073	3,496
Board of Regents	26	28
Commissioner's Office	758	795
Student assistance*	4,398	4,410
Community college assistance	3,063	3,051
Total	101,187	105,106
*Includes (in thousands of dollars):		
WICHE student assistance	1,846	1,786
WICHE dues	56	59
WAMI student assistance	1,899	1,934
Minnesota dental	111	90
SSIG	175	210
NDSL	55	55
State work-study	256	276

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NEBRASKA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Nebraska.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Nebraska		
Lincoln	87,810	92,022
Medical center	45,836	48,540
Omaha	22,288	24,267
System office	10,262	11,412
Subtotal, U of N,	166,196	176,241
State Colleges -		
Kearney	11,481	12,454
Wayne	6,108	6,392
Chadron	5,820	6,115
Peru	3,201	3,086
System office*	228	401
Subtotal, S C's,	26,838	28,448
Technical Community Colleges	22,110	22,285
Coordinating Commission	90	229
Total	215,234	227,203

*Includes a system-wide discretionary fund.

NEVADA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Nevada.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
U of Nevada, Reno	30,965	32,753
School of medicine	6,308	6,974
Ag experiment station	2,869	3,206
Coop extension service	2,468	2,795
Intercollegiate athletics	853	905
Statewide programs	2,502	2,875
Subtotal, U of N, R	45,965	49,508
U of Nevada, Las Vegas	28,116	31,069
Statewide programs	369	386
Intercollegiate athletics	856	896
Subtotal, U of N, LV	29,341	32,351
Community College Division		
Clark County	8,282	9,403
Truckee Meadows	5,886	6,657
Western Nevada	2,966	3,482
Northern Nevada	1,790	2,023
Subtotal, C C's	18,924	21,565
Business Center North	864	904
Business Center South	726	777
System Computing Center	3,988	4,624
Desert Research Institute	1,144	1,278
University Press	240	250
Radiological/Toxological Board	73	179
National Direct Student Loan	30	30
System administration	1,124	1,264
Total	102,419	112,730

NEW HAMPSHIRE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1985-86 and 1986-87 in New Hampshire.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
New Hampshire, Durham	26,268	28,728
Ag experiment station	1,380	1,480
Cooperative extension	895	959
Extension work, counties	259	302
Consulting center	100	153
Marine research & develop	549	563
New Hampshire Network	1,313	1,726
Subtotal, UNH, Durham	30,764	33,911
U of New Hamp, Manchester*	930	979
Subtotal, UNH	31,694	34,890
Plymouth State College	6,073	6,770
Keene State College	5,680	6,223
School of Lifelong Learning	553	807
Subtotal, UNH System,	44,000	48,690
Postsecondary Educ Commission	205	262
Incentive program	354	525
Veterinary medicine schools	270	270
Optometry school	36	45
Med school, Dartmouth	336	336
New England Brd of Higher Ed	67	72
Nursing scholarships	49	49
Governor's Merit scholarship	125	125
War orphans scholarships	3	10
Leveraged incentive grant		400
Out/State incentive grant		100
Subtotal, PSEC,	1,445	2,194
Postscdy ed admin & support	560	937
New Hamp Technical Institute	2,947	4,788
Vocational-Technical Colleges		
Manchester	1,531	2,381
Claremont	1,175	1,757
Berlin	1,235	1,761
Nashua	1,205	1,783
Stratham**	988	1,353
Laconia	875	1,257
Subtotal, VTC's	7,009	10,292
Total	55,961	66,901

*Formerly the Merrimack Valley College.
**Formerly named Portsmouth.

NEW JERSEY

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in New Jersey.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
Rutgers, State U of New Jersey	190,872	220,211
Ag experiment station	16,228	18,081
Subtotal, Rutgers,	207,100	238,292
U of Medical & Dental of NJ	125,431	150,429
NJ Institute of Technology	32,030	38,196
State Colleges		
Montclair	29,341	35,320
Paterson	27,621	31,520
Trenton	26,161	29,575
Kean	24,584	28,430
Jersey City	21,839	25,834
Glassboro	24,485	28,475
Stockton	13,716	16,254
Ramapo	12,637	14,924
Thomas Edison	2,356	2,815
Subtotal, S C's,*	182,740	213,147
Health related programs		
Private dental school aid	4,560	4,663
School of nursing aid	1,448	1,448
Vet med educ program	1,349	1,404
Optometric education	323	340
Graduate med education	382	382
Subtotal, HR,	8,062	8,237
Other support programs		
Technology and computers	7,130	6,130
Humanities/foreign language	3,000	3,000
Faculty enhancement	400	500
Special student populations	1,025	1,025
Other academic support	1,700	1,800
Urban/minority programs	1,900	2,800
Excellence grants	8,000	6,060
System support	626	530
Subtotal, other,	23,781	21,845
Student aid	71,356	76,266
Chancellor's office, admin	3,607	4,080
Fringe benefits (est)	137,550	148,697
Aid to county colleges	83,765	92,865
Aid to private Univ & Coll	18,127	21,245
Total	893,549	1,013,299

*The state colleges are now autonomous institutions; they are grouped here for ease of comparison with other states which have similar colleges.

NEW MEXICO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in New Mexico.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of New Mexico	72,129	74,980
Medical school	16,225	17,731
Cancer center	1,442	1,000
Medical-related programs	6,535	5,952
State medical investigator*	1,473	1,626
Research centers	2,000	1,920
Gallup branch	2,363	2,090
Los Alamos branch	1,174	1,062
Valencia branch	1,158	1,184
Subtotal, U of NM	104,499	107,545
New Mexico State U	46,852	47,742
Ag experiment station	6,025	6,025
Ag extension service	4,546	4,546
St Dept of Agriculture*	3,292	3,292
Research Center	2,000	1,920
Alamogordo branch	1,810	2,081
Carlsbad branch	1,299	1,319
Dona Ana branch	1,742	1,373
Grants branch	1,033	1,154
Subtotal, NMSU	68,599	69,452
Eastern New Mexico U	14,038	14,141
Roswell branch	3,139	3,405
Clovis branch	2,576	2,830
Subtotal, ENMU	19,753	20,376
NM Inst of Mining & Tech	9,617	10,434
State Bureau of Mines*	2,141	2,141
Research Center	1,000	960
Subtotal, NMIMT	12,758	13,535
NM Highlands U	9,629	10,008
Western New Mexico U	6,767	6,769
Community Colleges		
New Mexico Junior College	437	437
Northern New Mexico CC	3,356	3,389
Santa Fe Com Col	2,098	2,340
San Juan College	471	450
Subtotal, CC's	6,362	6,616
Commission on Higher Education	765	790
WICHE	55	59
State work-study	1,596	1,596
Student Incentive Grants	1,329	3,000
Student loans	377	408
Student grants	245	245
Student exchange grants	2,069	2,249
TV equipment replacement	25	
Student interns		150
Subtotal, CHE	6,461	8,497
Total	234,828	242,798

*State function administered through the institution.

NEW YORK

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in New York.

Institutions	Sums appropriated 1986-87	1987-88
(1)	(2)	(3)
State University of New York (SUNY)		
University Centers		
Stony Brook*	234,470	252,243
Buffalo	157,803	174,603
Albany	71,424	78,181
Binghamton	50,814	56,885
Subtotal, U Centers	514,511	561,912
Medical Centers		
Downstate (NYC)*	122,802	137,876
Upstate (Syracuse)*	98,385	118,234
Subtotal, Med Centers	221,187	256,110
Colleges of Arts & Science		
Buffalo	37,435	41,266
Oswego	27,781	30,537
Brockport	28,167	30,503
New Paltz	25,000	27,234
Oneonta	22,714	25,155
Cortland	22,346	24,607
Plattsburgh	21,819	23,956
Geneseo	20,169	22,161
Potsdam	19,485	21,168
Fredonia	20,185	21,527
Purchase	17,809	19,065
Old Westbury	14,309	15,336
Subtotal, C of A&S	277,219	302,515
Statutory Colleges		
Land-Grant Coll at Cornell	87,869	98,736
Ceramics at Alfred U	5,598	6,293
Subtotal, State Colleges	93,467	105,029
Specialized Colleges		
Environment Sci & Forest	16,662	17,483
Empire State	12,998	15,724
College of Technology	10,644	12,019
Optometry	10,271	11,075
Maritime	7,865	8,738
Subtotal, Spec Colleges	58,440	65,039
Agricultural & Technical Colleges		
Farmingdale	26,684	28,804
Alfred	15,907	17,571
Cobleskill	11,242	12,357
Morrisville	11,059	12,132
Delhi	10,747	11,928
Canton	9,160	10,278
Subtotal, A&T Colleges	84,799	93,070
University-wide programs**	111,356	161,004
Fringe benefits	340,381	340,219
Cornell land script	34	34
SUNY gross total	1,701,394	1,884,932
Less student fees, etc.	-331,641	-381,981
SUNY net tax fund total	1,369,753	1,502,951
Cornell coop & extension	2,607	2,810
Community Colleges		
SUNY	191,190	204,010
CUNY	84,340	91,450
Subtotal, CC's	275,530	295,460
Other Programs		
Aid to CUNY	449,557	535,745
Tuition assistance	421,500	386,000
Aid to independent colleges	154,430	158,075
Scholarships & fellowships	29,683	34,546
Guaranteed student loans		1,675
Higher ed services corp	9,993	10,406
Higher ed administration	4,275	5,930
Chairs, science-humanities	1,000	1,000
Aid to native Americans	385	385
Aid to academic libraries	2,066	1,971
Subtotal, other	1,072,889	1,135,733
Total	2,720,779	2,936,954

*Includes hospital appropriations.

**Includes central administration, but excludes dormitory operations.

NORTH CAROLINA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in North Carolina.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of North Carolina		
UNC at Chapel Hill	110,195	121,816
Health affairs	78,186	85,069
Area health education ctrs	27,132	29,014
NC Memorial Hospital*	24,937	27,937
Subtotal, UNC-CH,	240,450	263,836
NC State U at Raleigh	122,519	135,457
School of Veterinary Med	15,320	17,152
Ag research service	28,920	32,176
Ag extension service	23,225	25,524
Subtotal, NCSU,	189,984	210,309
East Carolina University**	92,606	104,138
UNC at Greenboro	42,361	45,836
Appalachian State University	39,679	44,811
UNC at Charlotte	39,542	45,515
NC Ag & Tech St Univ	28,718	31,176
Western Carolina University	28,339	30,608
NC Central University	22,970	25,323
UNC at Wilmington	23,011	25,830
Winston-Salem State U	13,002	14,328
Fayetteville State U	13,517	14,535
UNC at Asheville	11,067	12,769
Pembroke State University	10,696	12,443
Elizabeth City State U	9,397	11,329
NC School of the Arts	7,111	7,564
General administration	13,242	16,650
Allocation to institutions	4,464	3,225
Related programs***	34,423	37,589
Subtotal, U of NC,	864,579	957,814
State support of Comm Colleges and Technical Institutes	304,873	323,594
Ed benefits-veterans' children	2,668	2,668
Total	1,172,120	1,284,076

*This is a teaching hospital, part of the medical complex at Chapel Hill, but administratively separate from the university at Chapel Hill. It is placed here for comparability with similar institutions in other states.

**Includes appropriations for the School of Medicine FY87: $ 35,748,567 and FY88: $ 40,769,567.

***Includes 1) aid to private institutions to be used for financial aid to needy NC graduates enrolled therein, FY87: $ 7,128,000 and FY88: $ 8,316,000, 2) tuition grant to each full time NC undergraduate attending a private school, FY87: $ 20,929,000 and FY88: $ 22,038,200, and 3) assistance to private med schools and NC students attending them, FY87: $ 2,820,000 and FY88: $ 2,554,000.

NORTH DAKOTA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for the undivided biennia 1985-87 and 1987-89, in North Dakota.

Institutions	Biennium 1985-87	Biennium 1987-89
(1)	(2)	(3)
U of North Dakota	60,668	57,408
Medical center	26,723	28,191
UND Williston*	1,544	1,839
UND Lake Region*	1,644	1,631
Subtotal, U of ND	90,579	89,069
North Dakota State U	51,472	49,549
Ag experiment stations	24,486	23,662
Extension division	8,742	8,331
Bottineau branch	3,010	2,645
State forest service	962	947
Subtotal, NDSU	88,672	85,134
State College of Science	18,295	17,505
Minot State U	12,882	13,608
Dickinson State U	9,067	8,393
Valley City State U	7,108	7,189
Mayville State U	5,960	5,753
Bismarck St Coll (2-yr)*	5,169	5,428
Subtotal, All Insts	237,732	232,079
Board of Higher Education	1,194	1,262
Student financial assistance	778	1,380
Aid to private coll students	480	
Pool of funds	760	265
Research EPSCOR		1,361
Subtotal, BHE	3,212	4,268
Total	240,944	236,347

*Beginning with the 1985-87 biennium, the community colleges became state institutions with separate appropriations.

NOTE: Totals are for the biennia. Half of each total is used in the 50-state summary table.

OHIO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Ohio.

Institutions	Sums Appropriated 1986-87	Sums Appropriated 1987-88
(1)	(2)	(3)
Ohio State University	221,360	230,385
Clinical teaching	14,587	14,588
Ag research center	18,776	19,151
Ag cooperative extension	11,004	11,224
Subtotal, OSU	265,727	275,348
University of Cincinnati	107,978	113,317
Clinical teaching	11,190	11,190
Subtotal, U of C	119,168	124,507
University of Akron	61,496	67,278
Ohio University	56,655	62,504
Kent State University	55,461	59,827
University of Toledo	51,865	55,319
Wright State University	51,647	54,312
Bowling Green State University	50,723	51,728
Cleveland State University	46,482	48,009
Miami University	43,840	43,280
Youngstown State University	36,038	37,149
Central State University	12,052	13,088
Shawnee State University		5,452
Medical College of Ohio	22,138	22,825
Northeastern Med College	11,320	11,688
Case Western Reserve*	6,319	5,988
Community Colleges	78,243	74,426
University branches	40,463	45,680
Technical colleges	72,620	77,159

(Continued in the next column)

OHIO (Continued from preceding column)

Instructional grants	48,589	52,020
Board of Regents	2,618	2,817
Special projects	24,328	22,283
Academic scholarships	3,591	3,591
Selective excellence	33,036	26,764
STU choice grants**	13,736	15,527
Podiatric Medicine		1,000
Total	1,208,155	1,259,569

*Subsidy to this private university for education in medicine and dentistry.

**Begun in 1984 to provide aid to students attending in-state private colleges.

OKLAHOMA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Oklahoma.

Institutions	Sums Appropriated 1986-87	Sums Appropriated 1987-88
(1)	(2)	(3)
University of Oklahoma	61,044	61,044
Health sciences center	36,445	36,444
Tulsa medical branch	3,677	3,677
Family medicine practice	1,951	1,951
Law center	2,972	2,972
Geological survey	1,588	1,588
Subtotal, U of O,	107,677	107,676
Oklahoma State University	62,158	62,158
Ag experiment station	10,264	10,264
Ag extension division	9,555	9,555
Coll of Veterinary Medicine	6,517	6,517
Tech Branch-Okmulgee	7,922	7,922
Tech Branch-Oklahoma City	4,145	4,145
Subtotal, OSU,	100,561	100,561
Okla Coll of Osteopathic Med	6,193	6,193
Central State University	20,985	20,985
Northeastern State University	13,842	13,842
Southwestern State University	11,262	11,262
Cameron University	9,503	9,503
Southeastern State University	8,699	8,699
East Central State University	8,632	8,632
Langston University	4,648	4,648
Northwestern State University	3,892	3,892
Okla Panhandle St University	3,624	3,624
University of Science & Arts	3,488	3,488
Subtotal, SU's,	88,575	88,575
Junior Colleges -		
Tulsa Junior College	15,059	15,059
Rose State College	11,522	11,522
Oklahoma City Comm College	8,426	8,426
Northeastern OK A&M College	5,299	5,299
Rogers State College	3,603	3,603
Eastern OK State College	3,403	3,403
Northern Oklahoma College	2,897	2,897
Western OK State College	2,553	2,553
Carl Albert Junior College	2,473	2,473
Connors State College	2,458	2,458
Murray State College	2,404	2,404
Seminole Junior College	2,398	2,398
El Reno Junior College	1,871	1,871
Sayre Junior College	457	457
Subtotal, J C's,	64,823	64,823

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OKLAHOMA (Continued from preceding page)

Subtotal, J C's,	64,823	64,823
University Center at Tulsa	1,191	1,191
Ardmore Higher Ed Program	368	368
McCurtain Co Higher Ed Program	368	368
Televised Instruction System	783	783
Kerr Conference Center	154	154
Jane Brooks School-USAO	32	32
Fire service training	354	355
Professional Training Center	90	0
Teacher Educ Entrance Test		
Minority Faculty Program	270	270
Civil Rights Compliance	547	547
Scholar-Leadership Program	180	180
Higher Education Tuition Aid	8,597	10,325
Teacher Education Assistance	2,147	2,147
Chiropractic Ed Assist Program	48	47
Student Ed Assistance Program	90	90
Prospective Teacher Scholars	180	180
Prosp Teacher Forgivable Loans	180	180
Dependent Youth & Orphans	12	12
Special Programs		938
William P. Willis Scholarship	270	270
Other	1,862	
Total	385,552	386,265

OREGON

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Oregon.

	Sums Appropriated	
Institutions	1986-87	1987-88
(1)	(2)	(3)
University of Oregon	48,158	52,182
Oregon Health Sciences U	32,306	32,990
Teaching hospital & clinics	19,309	19,083
Crippled children's division	4,183	4,232
Dental clinics	115	226
Subtotal, OHSU	55,913	56,531
Oregon State University	59,493	60,854
Ag experiment station	13,209	13,830
Coop extension service	8,929	10,072
Forest research lab	1,468	1,522
Subtotal, OSU	83,099	86,278
Portland State University	33,395	34,151
Southern Oregon State College	11,125	12,195
Western Oregon State College	8,771	10,646
Oregon Inst of Technology	9,647	10,069
Eastern Oregon State College	6,465	7,216
Centralized activities	7,065	7,039
Ctr for Adv Teacher Education	500	671
Teaching Resources Division	223	236
NDSL Health Prof Student loans	48	50
WICHE	441	455
Subtotal, Dept Higher Ed	264,850	277,719
Education Coord Commission	612	504
State Scholarship Comm	10,965	11,231
Community Colleges	59,571	60,486
Total	335,998	349,940

PENNSYLVANIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Pennsylvania.

	Sums Appropriated	
Institutions	1986-87	1987-88
(1)	(2)	(3)
Pennsylvania State Univ	178,143	192,441
Medical School	3,781	3,970
Subtotal, PSU,	181,924	196,411

(Continued in the next column)

PENNSYLVANIA (Continued from preceding column)

State-related Universities:		
Temple University	103,185	110,334
Medical School	7,098	7,453
Subtotal, TU,	110,283	117,787
University of Pittsburgh	94,992	101,732
Medical School	5,332	5,599
Subtotal, U of P,	100,324	107,331
Lincoln University	7,563	8,081
Subtotal, Commonwealth segment	400,094	429,610
State System of Higher Educati		
Indiana U of Pennsylvania	39,753	41,867
West Chester	28,419	29,900
Bloomsburg	21,275	22,439
Slippery Rock	20,687	22,316
Millersville	21,178	22,305
Edinboro	20,175	21,111
Kutztown	19,324	20,711
Clarion	19,286	20,603
Shippensburg	18,793	20,025
California	17,153	18,153
East Stroudsburg	15,820	16,697
Mansfield	12,162	12,868
Lock Haven	11,709	12,479
Cheyney	12,002	14,029
Chancellor's office	1,397	1,477
System reserve	248	
Minority recruitment	200	200
Deferred maintenance	2,500	2,500
Other	1,906	750
Subtotal, S U S	283,987	300,430
Community Colleges (est)	78,217	81,505
T Stevens State School of Tech	3,049	3,388
Private, State-aided Institutions:		
University of Pennsylvania	20,594	22,871
Medical School	3,877	4,071
School of Veterinary Med	6,753	7,091
Subtotal, U of P,	31,224	34,033
Thomas Jefferson U	7,426	7,798
Drexel University	4,934	5,181
Phila Coll Osteopathic Med	4,730	4,967
Hahnemann Med College	4,849	5,317
Medical College of Penn	3,427	3,598
Penn College of Optometry	1,402	1,472
Penn Coll of Podiatric Med	987	1,106
Philadelphia Coll of Art	635	667
Phila Coll of Tex & Science	471	495
Del Val Coll of Sci & Ag	357	400
Phila Coll Performing Arts	124	130
Berean Training & Indust Sch	825	961
Johnson School of Technology	172	181
Williamson Sch Mech Trades	64	87
Subtotal, Pvt, State-aided,	61,627	66,393
Other Higher Education Aid:		
Penn Higher Ed Scholarships	96,000	105,600
Institutional assist grants	18,961	21,857
Student aid-matching grants	4,540	5,600
Equal oppor prof education	490	590
Computer training		2,307
Equal education opportunity	5,680	6,153
Ed at correctional insts	106	82
Lincoln-Cheyney Urban Ctr	300	
Deaf, blind students	50	50
Ethnic heritage studies	100	150
Higher ed-rural initiatives	900	900
College of physicians	100	100
Psychiatric education	1,000	1,250
General state auth rentals	3,799	3,745
Interdepart transfers (est)	146,210	146,356
Subtotal, other	278,236	294,740
Total	1,105,210	1,176,066

RHODE ISLAND

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Rhode Island.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Rhode Island	58,294	61,220
Rhode Island College	26,472	27,571
Community Coll of Rhode Island	21,046	22,914
Subtotal, U & C's,	105,812	111,705
Office of Higher Education*	1,298	4,052
State scholarships	8,528	8,825
New England Higher Ed Compact	67	72
Support of medical education	1,371	1,453
Youth intern program	73	78
Total	117,149	126,185

*FY88: Includes funding of $2.6 million for categorical programs to be distributed at the institutions of higher education during the year:
$1.0 million for Program for Excellence
$0.5 million for Challenge Fund
$0.5 million for Governor's Scholarships
$0.6 million for salary adjustment.

SOUTH CAROLINA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in South Carolina.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
U of So Carolina, Main Campus	100,837	104,677
Medical School, Main Campus	12,610	14,245
Spartanburg Campus	6,696	6,975
Coastal Campus	6,782	7,438
Aiken Campus	5,286	5,373
Two-year campuses	6,806	7,306
Subtotal, U of SC,	139,017	146,014
Clemson University	58,917	59,151
Ag Research, Ext, Inspection	33,889	36,232
Subtotal, CU,	92,806	95,383
Medical Univ of So Carolina	66,740	68,362
Residency programs	12,853	12,808
Hospitals and clinics	11,273	13,154
Subtotal, MUSC,	90,866	94,324
So Carolina State College	16,802	17,274
Winthrop College	15,807	16,584
College of Charleston	16,223	16,507
The Citadel	11,892	11,[illegible]0
Francis Marion College	9,178	9,517
Lander College	6,870	6,[illegible]80
Subtotal, S C's,	76,772	78,492
Commission on Higher Educ	1,311	1,329
Scholarships, loans, SREB	762	785
Desegregation funds	1,100	1,094
Subtotal, CHE,	3,173	3,208
Grants to pvt college students	15,405	15,781
Board, Tech & Comprehensive Ed	86,085	87,814
Total	504,124	521,016

SOUTH DAKOTA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in South Dakota.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
U of South Dakota	18,648	19,468
Medical school	5,932	6,139
Subtotal U of SD	24,580	25,607
South Dakota State U	21,761	22,492
Ag experiment station	4,487	4,601
Coop extension service	3,143	3,231
Auxiliary services	684	704
Subtotal, SDSU	30,075	31,028
SD School of Mines & Tech	7,662	7,510
Northern State College	6,597	6,838
Black Hills State College	5,181	5,305
Dakota State College	4,093	3,988
Commissioner's Office	683	703
Student loans & scholarships	89	89
Veterinary School contracts	126	85
Student incentive grants	150	150
Tuition equalization grants	150	150
Other*	4,612	4,561
Postsecondary Vocational Educ	5,701	5,901
Less estimated tuition	-17,280	-17,874
Total	72,419	74,041
*Includes:		
Retirement buy-in	319	317
Physicians residency program	158	158
Regent's contingency	20	20
Utilities	2,038	2,143
Taxes on public land	9	8
Superior scholars	25	90
Financial information system	219	98
Governor's gifted camp	15	15
Employer's investment in SD future		1,710
Research equipment	300	
Instructional equipment	400	
Faculty development	100	
Cooperative extension special	736	
Nursing program special	148	
Tuition reciprocity	105	
Early retirement	22	

TENNESSEE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Tennessee.

Institutions	Sums appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Tennessee		
Knoxville	104,356	109,209
Chattanooga	22,205	22,897
Martin	17,352	18,003
Space Institute	3,177	3,481
Medical Units:		
College of Medicine	22,289	24,182
Family Medicine	2,621	2,897
UT Memphis	33,491	35,522
Ag Experiment Station	11,850	12,817
Ag Extension Service	15,096	15,806
Coll of Veterinary Medicine	7,625	8,305
Municipal Tech Advisory Serv	892	878
County Tech Advisory Service	638	629
Institute for Public Service	2,109	2,033
Statewide Continuing Educ	1,283	1,249
Central Administration	2,018	1,937
Subtotal, UT,	247,002	259,845

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TENNESSEE (Continued from the preceding page)

Board of Regents System		
Board of Regents Universities		
Memphis State U	65,224	69,068
East Tennessee State U*	42,871	45,960
Middle Tennessee State U	35,492	37,699
Tennessee Technological U	29,014	30,306
Tennessee State U	22,890	26,195
Austin Peay State U	15,163	15,676
Subtotal, BoR U's	210,654	224,904
State Community Colleges		
Shelby	9,159	9,702
Chattanooga	8,336	9,458
Roane	6,768	7,308
Walters	6,705	7,333
Cleveland	6,039	5,990
Volunteer	5,598	6,108
Jackson	5,006	5,275
Columbia	4,558	5,200
Motlow	3,885	4,421
Dyersburg	2,932	3,166
Subtotal, CC's	58,986	63,961
State Technical Institutes		
Memphis	11,242	12,313
Nashville	7,716	7,865
Knoxville	4,682	5,192
Tri-Cities	3,688	3,876
Subtotal, TI's	27,328	29,246
Area Voc Tech Schools	23,315	24,194
Board of Regents, admin	2,261	2,207
Subtotal, BoR System	322,544	344,512
Higher Education Commission	1,343	1,293
Contract education**	2,653	2,608
Tenn. Student Assistance Corp	11,655	12,010
Centers of Excellence	20,266	15,769
Vocational Improvements	5,000	1,800
Campus Centers of Emphasis	1,400	1,400
Undergraduate Excellence	900	
Total	612,763	639,237

*Includes $ 13,443,000 for FY87 and $ 14,544,000 for FY88 for the medical school and family practice.

**Includes SREB and other contract programs administered by the Higher Education Commission.

NOTE: For FY87, $ 15 million was appropriated for Chairs of Excellence and $900,000 for Academic Scholarships. Both are endowments, with the income going to the institutions.

TEXAS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Texas.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
U of Texas at Austin	144,905	167,201
UT at Arlington	42,467	48,059
UT at El Paso	22,450	27,711
UT at Dallas	20,521	22,941
UT at San Antonio	18,351	22,437
UT at Tyler	6,798	7,405
UT at Permian Basin	5,865	6,349
UT Health Science Centers		
Houston	72,031	88,309
San Antonio	60,441	72,708
Dallas	48,744	58,840
Tyler	12,635	14,686
System Cancer Center	90,446	92,051
UT Medical, Galveston	153,026	164,167
School of Nursing		
Inst Texan Culture	1,729	
System Administration	675	
Subtotal, UT System	701,084	792,864

(Continued in the next column)

TEXAS (Continued from the preceding column)

Texas A&M University	127,399	145,204
Ag experiment station	31,680	37,182
Ag extension service	27,201	31,696
Forest Service	7,363	8,381
Engineer exper sta	4,626	6,496
Engineer exten serv	2,331	2,757
Animal control serv	1,922	2,202
Veterinary diag lab	1,623	1,889
Transportation inst	875	1,081
Prairie View A&M U	10,467	12,785
Tarleton State U	7,539	8,950
A&M U at Galveston	3,917	4,521
System administration	324	
Subtotal, A&M System	227,267	263,144
University of Houston	71,172	83,472
Clear Lake	11,254	12,549
Downtown	5,741	8,861
Victoria	2,253	2,761
System administration	1,993	2,127
Subtotal, U of H	92,413	109,770
Texas State U System		
Southwest Texas St U	27,613	33,337
Sam Houston St U	16,555	20,071
Angelo State U	8,629	9,812
Sul Ross State U	5,298	6,064
System administration	292	312
Subtotal, TSU System	58,387	69,596
Lamar University System		
Beaumont	19,717	22,402
Orange	1,496	1,888
Port Arthur	1,603	2,621
System administration	275	
Subtotal, LU	23,091	26,911
U System of South Texas		
Texas A&I U	10,798	12,344
Corpus Christi St U	7,055	8,030
Laredo State U	2,212	2,848
System administration	314	332
Subtotal, U Sys of S T	20,379	23,554
Texas Tech U	55,191	64,426
Health science ctr	33,902	39,127
Subtotal, TTU	89,093	103,553
North Texas State U	39,170	48,498
Texas Coll Osteopathy	19,400	21,036
Subtotal, NTSU	58,570	69,534
East Texas State U	15,063	17,306
ETSU at Texarkana	2,465	2,848
Subtotal, ETSU	17,528	20,154
Pan American University	13,330	16,857
PAU at Brownsville	2,195	2,807
Subtotal, PAU	15,525	19,664
Texas St Tech Inst	34,143	43,166
Texas Woman's U	23,096	26,602
Stephen Austin St U	19,028	22,615
Texas Southern U	14,059	17,861
West Texas St U	10,432	12,233
Midwestern State U	7,611	8,233
Fibers & Food Comm	1,337	1,398
Rural medical ed board	205	134
SREB	64	143
Museums	1,096	1,251
Coordinating Board	1,966	7,861
Equalization grants	16,072	18,429
Baylor med & dental	36,378	42,433
Family prac residency	7,295	7,248
Resident physician	3,000	3,131
Advanced research program		19,795
Advanced technology program		39,665
Student incentive grants		1,490
Other	36,128	269
Subtotal, CB	100,839	140,321
Higher Educ Fund*	45,500	45,500
State aid to comm colls	406,257	413,584
Total	1,967,004	2,231,785

*Approximate amount to be used for equipment and library acquisitions.

UTAH

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Utah.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Utah	89,593	94,823
Medical programs	14,187	14,422
Research & Public service	4,328	4,434
Subtotal, U of U	108,108	113,679
Utah State University	44,485	47,187
Agricultural programs	10,796	11,076
Research & Public service	2,202	2,385
Subtotal, USU	57,483	60,648
Four Year Colleges		
Weber State College	28,965	30,728
Southern Utah State College	8,777	9,217
Subtotal, 4-yr	37,742	39,945
Two Year Colleges		
Snow College	4,989	5,233
Dixie College	5,192	5,430
College of Eastern Utah	4,453	4,675
Utah Tech Coll, Provo	10,765	11,301
Utah Tech Coll, Salt Lake	12,489	13,145
Subtotal, 2-yr	37,888	39,784
Brd of Regents & statewide		
Administration	1,261	1,330
Statewide programs	1,905	2,003
Subtotal, BoR	3,166	3,333
Total	244,387	257,389

VERMONT

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Vermont.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Vermont	23,416	25,245
Educational TV*	1,304	1,075
Morgan Horse Farm	11	11
Extension Service		400
Subtotal, U of V	24,731	26,731
State Colleges**	12,352	13,265
Student assistance corp***	9,540	10,217
Senatorial scholarships	60	60
New England Higher Ed Compact	41	45
Higher Ed Planning Comm	27	29
Ed Commission of the States	27	28
Veterinary Coll Contracts		180
Total	46,778	50,555

*Approximately 60 percent for elementary & secondary instructional programs.

**Allocations to separate colleges are not available at this time.

***Includes appropriations to reserve student spaces at schools of veterinary medicine at Cornell Univ and the U of Pennsylvania.

VIRGINIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Virginia.

Institutions	Sums appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Virginia	100,107	103,849
Hospital Division	29,177	32,732
Clinch Valley Coll	3,546	3,815
Subtotal, U of V	132,830	140,396
Va Poly Inst & State U	93,857	98,502
Extension Division	27,593	28,185
Research Division	23,268	23,886
Subtotal, VPI & SU	144,718	150,573
Va Commonwealth U	92,888	97,608
Health Sci, hospital	57,463	61,530
Subtotal, VCU	150,351	159,138
College of William & Mary	24,426	25,615
Richard Bland Coll	2,217	2,287
VIMS	8,323	8,412
Subtotal, CW&M	34,966	36,314
Other Colleges and Universities		
George Mason U	40,271	44,085
Old Dominion U	40,446	42,170
James Madison U	26,335	27,675
Norfolk State U	22,441	23,200
Radford U	18,200	19,750
Virginia State U	14,618	12,901
Longwood College	8,897	9,426
Mary Washington College	8,174	8,515
Christopher Newport College	7,634	8,324
Virginia Military Inst	8,470	8,250
Subtotal, C's & U's	195,486	204,296
Community Colleges	148,353	156,242
Student Aid*	16,740	16,756
State Council of Higher Educ	2,472	2,472
Scholarship Assist (CSAP)	2,802	2,802
Eminent scholars	3,345	3,745
Regional grants & contracts	481	516
Tuition Assist (TAGP)	14,375	15,317
Virginia Scholars Prog	450	600
Outstanding faculty prog**	65	65
Maintenance of excellence	1,229	1,229
Library services	127	127
Subtotal, SCHE	25,346	26,873
Other Higher Education		
VA Inst for Sci Res	50	50
Melcher/Monroe Memorials	101	126
Marshall Research Ctr	60	110
VA Foundation-Humanities	511	511
VA Museum of Marine Sci	1,500	
Eastern VA Med Auth (EVMA)	7,504	8,982
Innov Tech Auth	9,358	9,490
SREB	100	100
Southeastern Univ Res Assoc	1,000	1,000
VCBA--equipment***	28,800	
Equal opportunity plan	4,294	4,861
Subtotal, Other	53,278	25,230
Total	902,068	915,818

*Includes appropriations made directly to higher education institutions for student aid as well as student aid to (in thousands of dollars):

Dept of Health	100	108
Dept of Rehab Services	170	179
Devi of War Vet Claims	400	400
EVMA	35	35

**A new program to recognize excellence in teaching, research and public service, provides a cash award of $ 5,000 to 13 faculty members from both public and private institutions.

***A new appropriation to provide funding to defray costs of establishing, administering and implementing a program of acquisition and replacement of instructional and research equipment.

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WASHINGTON

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in in Washington.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Washington*	181,677	202,535
Washington State Univ**	110,316	118,829
Western Washington U	32,043	34,431
Eastern Washington U	30,805	33,148
Central Washington U	26,302	27,627
Evergreen State College	14,763	16,437
Community Colleges	214,106	219,326
Higher Ed. Coordinating Brd.	18,969	26,149
Total	628,981	678,482

*Includes appropriations for the medical school.
**Includes appropriations for agriculture research & extension.

WEST VIRGINIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in West Virginia.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
West Virginia University	68,188	65,144
Medical center*	33,234	34,490
Medical residency support	1,403	1,353
Coal & energy research	2,805	2,680
Doctoral research	25	25
Ag & forest exper station	2,306	2,205
Subtotal, WVU,	107,961	105,897
Marshall University	23,825	22,753
Medical School	6,568	6,404
Subtotal, MU,	30,393	29,157
WV Coll of Graduate Studies	4,643	4,369
Four-year Colleges -		
Fairmont State College	9,147	8,735
West VA Institute of Tech	8,043	7,681
West Virginia State College	7,737	7,419
West Liberty State College	6,626	6,328
Shepherd College	6,140	5,864
Concord College	5,322	5,083
Glenville State College	4,518	4,315
Bluefield State College	4,330	4,135
Subtotal, 4-yr C's,	51,863	49,560
Community Colleges -		
Parkersburg	4,005	3,825
West Virginia Northern	3,328	3,178
Southern West Virginia	3,055	2,918
Subtotal, C C's,	10,388	9,921
WV Sch of Osteopathic Med	4,412	4,348
Eminent Scholars Program	100	150
Board of Regents	1,217	1,177
Higher Education Grant Program	3,500	3,475
Tuition Contract Programs	710	675
Other		336
Indirect fringe benefits (est)	26,200	27,500
Total	241,387	236,565

*Includes dedicated proceeds of soft drink tax of $ 7,800,000 for each fiscal year.

WISCONSIN

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1986-87 and 1987-88 in Wisconsin.

Institutions	Sums Appropriated 1986-87	1987-88
(1)	(2)	(3)
University of Wisconsin System		
Doctoral Cluster		
Madison	213,860	228,209
University Hospitals	2,282	2,282
Subtotal, UW, Madison,	216,142	230,491
Milwaukee	68,037	71,479
Subtotal, Doctoral,	284,179	301,970
University Centers		
Oshkosh	26,072	27,661
Eau Claire	25,133	26,365
Stevens Point	21,306	22,781
Whitewater	21,259	22,623
La Crosse	19,850	21,147
Stout	18,894	20,159
River Falls	14,796	15,517
Platteville	14,159	14,916
Parkside	14,044	14,350
Green Bay	12,482	13,227
Superior	8,714	8,764
Subtotal, U's,	196,709	207,510
Centers (2 year)	18,010	18,527
Extension	33,963	36,787
System Administration	7,394	7,711
Systemwide Programs	9,257	6,662
Subtotal, UW-system,	549,512	579,167
Voc, Tech, Adult Ed System	80,842	85,588
Medical College of Wisconsin	5,501	5,790
Higher Education Aids Board	30,670	34,885
Total	666,525	705,430

WYOMING

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for the undivided biennia 1985-87 and 1987-1989, in Wyoming

Institutions	Sums Appropriated 1985-87	1987-89
(1)	(2)	(3)
University of Wyoming	150,387	154,386
Community Colleges	65,607	68,159
Community College Commission	351	385
Subtotal, CC	65,958	68,544
WICHE	4,410	4,149
Higher ed computer network	2,411	1,296
Total	223,166	228,375

Note: Half of each of the totals above was used in the 50-state summary table.